## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE      |  |  |
|---------------------------|----------|--------|-----------|--|--|
| FEE DETERMINATION         | BN       |        | 4-5-01    |  |  |
| O.I.P.E. CLASSIFIER       |          |        | 1         |  |  |
| FORMALITY REVIEW          | . 61     | 51,708 | 5-9-01    |  |  |
| RESPONSE FORMALITY REVIEW | rol      | 1030   | 6.13-01   |  |  |
|                           | 11/43    | 1127   | 108/2/1X1 |  |  |

## **INDEX OF CLAIMS**

| ✓ Rejected                                     | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

|   |          |               |          |                                |          |              | ÷            | ٠.       | •••••    | ••••     | ••••     | •••••                          |  |  |
|---|----------|---------------|----------|--------------------------------|----------|--------------|--------------|----------|----------|----------|----------|--------------------------------|--|--|
| İ | Cl       | aim           | Г        |                                |          |              | Da           | ite      |          |          |          |                                |  |  |
|   |          | $\overline{}$ |          | Т                              | Т        |              |              | Π        | Π        |          | Γ        | Π                              |  |  |
|   | Final    | Original      |          | 1                              | İ        |              |              |          | ١.       |          | l        |                                |  |  |
| ١ | -        | 1             | 7        | *                              | ╁        | H            | H            | +        | +        | ╁        | ╁        | ╁╌                             |  |  |
| ł |          | 2             | ۲ï       | +                              | t        | T            | T            | T        | T        |          | t        | $\vdash$                       |  |  |
|   | ٠.       | 3             | П        | Τ                              |          |              | Г            |          |          |          |          |                                |  |  |
|   | 1.       | 4             | П        | L                              | L        | L            | Ŀ            | L        |          |          | $\Box$   | L                              |  |  |
|   | 14.      | 5             | H        | ╀                              | $\vdash$ | ╀            | ╄            | L        | <u> </u> | <u> </u> | ╀        | ├                              |  |  |
|   | - 1 p    | 7             | ╁        | +                              | +        | ╁            | ⊢            | -        | ├        | ├        | ├        | ⊢                              |  |  |
|   |          | 8             | H        | +                              | $\vdash$ | ┢            | -            | -        | ┢        | ┢╌       | H        | ╁╌                             |  |  |
|   | •        | G             | ¥        | 1                              | 1        | 1            | T            | r        | T        | T        | Т        | T                              |  |  |
| I | :        | 10            | H        |                                |          | L            |              |          |          |          |          |                                |  |  |
| ١ | 1.       | 11            | 4        | 1                              | L        | 1            |              | L        | L        | L        | L        | $oxedsymbol{oxedsymbol{oxed}}$ |  |  |
|   | ,        | 12<br>13      | H        | ╀                              | ╀        | ╀            | ŀ            | -        | ⊢        | ⊢        | -        | $\vdash$                       |  |  |
|   | <        | 14            | ╁        | ╁                              | $\vdash$ | +            | +            | -        | ├-       | $\vdash$ | -        | $\vdash$                       |  |  |
|   |          | 15            | 籵        | ╁                              | Η.       | H            | -            |          | ┢        | _        | ┝        |                                |  |  |
|   | 7        | 16            | ⇈        | T                              | T        | Ī            |              | L        | L        | L        | T        | П                              |  |  |
| l |          | 17            | $\prod$  | L                              |          | Ľ            | L            |          |          |          |          |                                |  |  |
| ŀ | څ        | 6             | Ų,       |                                | <u>!</u> | Ŀ            | <b> </b>     | L        | <u> </u> | _        | L        | $oxed{oxed}$                   |  |  |
| ١ | _        | 19            | بن)      | ٠ -                            | ļ.,      | -            | ├-           | ⊢        | L        | _        | H        | $\vdash$                       |  |  |
| ł | _        | 20            | -        | T                              | ⊢        | -            | <del> </del> | L        | L        | _        |          | L                              |  |  |
| ŀ |          | 21<br>22      | H        | ╁                              | ┼-       | -            | ├            | H        | ├        | -        | -        | Η.                             |  |  |
| l |          | 23            | ┢        | 十                              | ┢        | ╁            | ┰            | ┢        | H        | H        |          |                                |  |  |
| l | -        | 24            |          |                                |          |              |              |          |          |          |          |                                |  |  |
| I | ,        | 25            |          |                                |          |              |              |          |          |          |          |                                |  |  |
| ŀ | •        | 26            | _        | ₽                              | L        | L            | _            | L        | _        | _        | L        |                                |  |  |
| ŀ |          | 27<br>28      | ┝        | ╀                              | -        |              | $\vdash$     | -        | _        |          | ┝        | $\vdash$                       |  |  |
| ŀ | -        | 29            | ╟╌       | ╁                              | ⊢        | ┝            | ┝            | -        | $\vdash$ | -        | $\vdash$ | Н                              |  |  |
| ŀ |          | 30            | ┢        | H                              | t        |              |              |          |          | _        | _        | H                              |  |  |
| Ĺ |          | 31            |          |                                |          |              |              |          |          |          |          |                                |  |  |
| Ĺ |          | 32            | Ĺ        |                                |          |              |              |          | Ĺ        |          |          | П                              |  |  |
| ŀ | -        | 33<br>34      | <u> </u> | $\vdash$                       |          |              | <u> </u>     |          | -        |          | _        | Н                              |  |  |
| ŀ | -        | 35            | <u> </u> | ┞                              | -        | ├            | $\vdash$     |          |          | _        | _        | $\vdash \vdash$                |  |  |
| ŀ |          | 36            | -        | $\vdash$                       | -        | H            |              |          |          | -        | -        | H                              |  |  |
| I |          | 37            |          | L                              |          |              |              |          |          |          |          |                                |  |  |
| ĺ |          | 38            |          |                                |          |              |              |          |          |          |          |                                |  |  |
| ŀ | 4        | 39            |          | _                              | <u> </u> | _            | <u> </u>     | L,       |          |          | _        | Ш                              |  |  |
| ŀ | $\dashv$ | 40<br>41      | _        | -                              | <u> </u> |              |              | H        |          | _        |          | Щ                              |  |  |
| ŀ | 4        | 41            |          | $\vdash$                       | $\vdash$ | <del> </del> | Н            | Н        | Н        |          | _        | $\vdash$                       |  |  |
| ł | -        | 43            | _        | -                              | $\vdash$ | $\vdash$     |              | Н        | Н        | _        |          | Н                              |  |  |
| t | $\neg$   | 44            |          |                                | -        | П            | _            |          |          |          |          | H                              |  |  |
| ľ |          | 45            |          |                                |          |              |              |          |          |          |          |                                |  |  |
| Ļ | _        | 46            |          | $oxedsymbol{oxedsymbol{oxed}}$ | Щ        |              |              |          |          |          |          | Д                              |  |  |
| L | _        | 47<br>48      |          |                                | L        |              | _            | $\sqcup$ |          |          |          | Ш                              |  |  |
| ŀ | $\dashv$ | 48<br>49      | _        | $\vdash$                       | Н        | -            | _            | Н        | $\dashv$ |          | _        | $\vdash \vdash$                |  |  |
| ŀ | $\dashv$ | 50            |          | -                              | Н        |              | -            | -        |          |          |          | H                              |  |  |
| - | _        |               |          |                                |          | _            |              |          |          |          | _        |                                |  |  |

| Cla           | im       | Date     |          |  |  |  |  |  |  |              |  |
|---------------|----------|----------|----------|--|--|--|--|--|--|--------------|--|
| $\vdash$      |          | Г        | T        | Т  |  | Π  | Т  | Т  | П  | Т            | T  |
| Final         | Original |          |          |  |  |  |  |  |  |              |  |
| $\vdash$      | 51       | $\vdash$ | 1        | 1  | T  | T  | ✝  | 1  | $\vdash$   | t            | $\vdash$   |
|               | 52       | ┢        | T        | $\vdash$   | t  | ✝  | $\vdash$   | ┢  | $\vdash$   | $^{\dagger}$ | $\vdash$   |
| $\vdash$      | 53       | ┢        | 1        | ╁╴   | <del>                                     </del> | Н  | t  | -  | ┼  | ┢            | ╁  |
| $\vdash$      | 54       | ┝        | ╁        | ╀╌   | ╁╌   | ┝  | ╁  | ⊢  | -  | ╁            | +  |
| $\vdash$      | 55       | ┝        | ╁        | 1  | ╁  | ╁╴   | ╁  | ┢  | ┢╌   | ⊢            | ╁  |
| $\vdash$      | 56       | -        | H        | ┢  | ╁╌   | ┢  | ╁╌   | ┢  | ┼  | ╁            | ╁  |
| $\vdash$      | 57       | Η-       | ┢╌       | ┪  | 1  |  | ╁╌   | ╁  | $\vdash$   | ╁╌           | ╁╌   |
| $\vdash$      | 58       | H        | $\vdash$ | 1  | ╁┈   | +-   | +  | ╁  | ╁  | ┼─           | ╁  |
| H             | 59       | -        | ╁        | $\vdash$   | +  | H  | +-   | <del>                                     </del> | +  | ╁            | $\vdash$   |
| $\vdash$      | 60       | H        | ├        | -  | ╁  | -  | +  |  | ┢  | ╂╌           | ╁╾   |
| Н             | 61       | -        | -        | ╁  | ┢  | -  | -  | ⊢  | +-   | ┢            | ⊢  |
| $\vdash$      | 62       | -        | -        | ╁  | ╁  | -  | ╁  | ┢  | ┢  | $\vdash$     | ╁  |
| Н             | 63       |          | $\vdash$ | ╁╌   | ╁  | H  | ╁╴   | -  | H  | -            | ╁  |
| Н             | 64       | -        | 1        | H  | ╁  | -  | +-   | ┢  | -  | $\vdash$     | $\vdash$   |
| Н             | 65       | H        | ┢        | <del>  -</del>                                   | ╆  | -  | $\vdash$   | $\vdash$   | $\vdash$   | ╁            | $\vdash$   |
| H             | 66       | -        | ┢        | $\vdash$   | +-   | $\vdash$   | 1  | -  | <del>                                     </del> | $\vdash$     | $\vdash$   |
| H             | 67       | _        | $\vdash$ | H  | 1  | -  | <del>                                     </del> | _  | ╁╌   | ╁            | H  |
| Н             | 68       |          | 1        | ┢  | ┼─   | $\vdash$   | <b>†</b>   | $\vdash$   | $\vdash$   | ┢            | <del>                                     </del> |
| $\Box$        | 69       |          | $\vdash$ | H  | $\vdash$   | _  |  | 一  | t  | H            | H  |
| Н             | 70       |          | $\vdash$ | $\vdash$   | $\vdash$   | ╁  | 1  |  | ┢  | H            | <del>                                     </del> |
| Н             | 71       |          | ╁╴       | ┢  | ┢  | ⊢  | H  | ┢╌   | ├  | ┢            | ╁  |
| Н             | 72       |          | $\vdash$ | ╫  | ╁╌   | Н  | ┢  | $\vdash$   | ┢  | ╁            | ├-   |
| Н             | 73       |          | ╁╌       | ⊢  | <del>                                     </del> | ┢  | $\vdash$   | ┢  | ╁╌   | H            | ╁  |
| Н             | 74       |          | H        | H  | ł-   | -  | ┢╾   | -  | ⊢  | ┢            | $\vdash$   |
| Н             | 75       |          | -        | ┢  | t  | 一  | $\vdash$   |  |  |              | <del> </del>                                     |
|               | 76       |          |          | Н  | t  | <del>                                     </del> | $\vdash$   | _  | $\vdash$   | H            | Н  |
| Н             | 77       |          |          | <del>                                     </del> |  |  |  |  | T  | $\vdash$     |  |
|               | 78       | _        |          |  | $\vdash$   |  | $\vdash$   | _  |  |              | m  |
|               | 79       |          | T        |  |  |  |  |  |  | Г            |  |
| $\Box$        | 80       |          |          |  | Г  |  |  |  |  | 1-           |  |
| П             | 81       |          | _        |  |  |  | $\vdash$   | _  |  |              | П  |
|               | 82       |          |          |  |  |  |  |  |  |              | П  |
| П             | 83       |          |          |  |  |  |  |  |  |              | П  |
|               | 84       |          |          |  |  |  |  |  |  |              | П  |
|               | 85       |          |          |  |  |  |  |  |  |              |  |
|               | 86       |          |          |  |  |  |  |  |  |              |  |
| $\rightarrow$ | 87       |          |          |  |  |  |  |  |  |              |  |
|               | 88       |          |          |  |  |  |  |  |  |              |  |
|               | 89       |          |          |  |  |  | Ш  |  |  |              | Ш  |
| $\rightarrow$ | 90       |          |          |  |  |  | $oxed{oxed}$                                     |  |  |              |  |
|               | 91       |          |          |  |  |  |  |  |  |              |  |
| -             | 92       |          |          |  |  |  |  |  |  |              |  |
| $\rightarrow$ | 93       |          |          |  |  |  | Ш  |  |  |              |  |
|               | 94       |          | Ц        | _  | $\Box$   |  | Ш  |  |  |              | Ш  |
| $\vdash$      | 95       |          |          |  |  |  | Ш  |  |  |              | Ш  |
| -             | 96       | _        | Щ        |  | $oxed{oxed}$                                     | Щ.   | Ш  | Ш  |  |              | Ш  |
|               | 97       | _        | Щ        | _  |  |  | Ш  |  |  |              | Щ  |
|               | 98       | _        | Ш        |  |  |  | Ш  |  |  |              | Щ  |
| $\sqcup$      | 99       |          |          |  |  |  |  |  |  |              | Ш  |

| _               |               | _        |              |          |  |              |          |  |          |          |          |
|-----------------|---------------|----------|--------------|----------|--|--------------|----------|--|----------|----------|----------|
| Cla             | im            | <u> </u> |              | _        |  | Da           | te       |  |          |          | _        |
| Final           | Original      |          |              |          |  |              |          |  |          |          |          |
|                 | 101           |          |              |          | ١.   |              | ⇈        | 1  |          | ┪        | r        |
|                 | 102           |          | Г            |          | Π  | T :          | Ī        | 1  |          | <u> </u> | T        |
|                 | 103           |          |              |          |  |              | T        |  |          |          | Г        |
|                 | 104           |          |              |          |  |              |          |  | -        | Г        | 1        |
| L               | 105           |          | _            |          |  | $oxed{oxed}$ |          |  |          |          | Г        |
| L               | 106           |          | L            | L        |  |              |          |  |          |          | $\Box$   |
| L               | 107           |          | L            | L        | <u> </u>   | L            | <u> </u> | L  |          |          | L        |
| ┕               | 108           | _        | L            | ļ        | <u> </u>   | 匚            | Ľ        | <u></u>                                      | L        | L        | L        |
| <u> </u>        | 109           | _        | L            | L        | ـــ  | _            | <u> </u> | <u>                                     </u> | L        | Ļ        | L        |
| <u> </u>        | 110           | _        | <u> </u>     | ļ        | <b>!</b>   | ┡            | ļ        | <u> </u>                                     | -        | _        | L.       |
| <u> </u>        | 111           | _        | -            | ├-       | ├  | ├            | -        | ┞-   | L        | -        | ┞        |
| <u> </u>        | 112<br>113    | _        | ⊢            | ├        | ⊢  | -            | ├-       | ├  | _        | L        | ┞        |
| -               |               |          | -            | ⊢        | ⊢  | ├            | ⊢        | ├-   | <u> </u> | ├-       | 1        |
| $\vdash$        | 114<br>115    |          | -            | -        | -  | $\vdash$     | ╁        | -  | ⊢        | ⊢        | ╀        |
| $\vdash$        | 116           |          | -            | ├        | -  | ⊢            | ╁        | H  | ⊢        | ┝        | ╁        |
|                 | 117           | -        | -            | ├        | ⊢  | ├            | ┢        | ⊢  | ⊢        | ╁        | ╁        |
| $\vdash$        | 118           |          | -            | ┢        | ├  | ┢            | ╁        | ⊢  | -        | ┢        | H        |
| $\vdash$        | 119           | _        | ┪            | ┢╌       | <del>                                     </del> | ┢            | ┼        | H  |          | H        | ╁╴       |
| -               | 120           |          | H            | ╁╌       | ╁─   | ┢            | $\vdash$ | ┢╾   | -        | ╁        | ╁        |
| $\vdash$        | 121           |          | -            | ⊢        | ⊢  | ⊢            | ⊢        | ├  | ⊢        | ┝        | ╁        |
| ⊢               | 122           |          | ┝            | ╁        | ├  | ┢            | ╁        | ┢  | $\vdash$ | ⊢        | ╁        |
| H               | 123           | _        | ├            | ╁        | ╁  | ╁            | $\vdash$ | H  | -        | ╁        | ╁        |
|                 | 124           | _        | <del> </del> | <u> </u> | $\vdash$   | H            | ╁        | $\vdash$                                     | ╁        | $\vdash$ | ╁╴       |
| М               | 125           |          | $\vdash$     | H        | $\vdash$   | t            | †        | ╁  | 1-       |          | t        |
| П               | 126           | _        |              | _        | H  |              | T        |  | H        |          | t        |
| П               | 127           |          |              | Г        |  |              |          |  |          | 1        | T        |
|                 | 128           |          |              | Γ        | Г  |              |          |  |          |          | Τ        |
|                 | 129           |          |              |          |  |              |          |  |          | Г        | Γ        |
|                 | 130           |          |              |          |  |              |          |  |          |          | Γ        |
|                 | 131           |          |              |          |  |              |          |  |          |          |          |
|                 | 132           |          |              |          |  | <u> </u>     | ┕        |  | L        | L        | L        |
|                 | 133           |          |              | _        |  | L            | L        |  | L        |          | L        |
|                 | 134           |          |              |          | $oxed{oxed}$                                     | L            | _        | _  | L        | L        | L        |
|                 | 135           |          | L            | <u> </u> | $\vdash$   | $\vdash$     | <u> </u> | _  | <u> </u> | _        | $\vdash$ |
|                 | 136<br>137    | -        |              | <u> </u> | ļ  | <u> </u>     |          | <u> </u>                                     | _        | $\vdash$ | 1        |
|                 | $\rightarrow$ | _        |              | H        | H  | <u> </u>     |          | <u> </u>                                     | _        | <u> </u> | L        |
| ┷               | 138           |          | _            | _        | <u> </u>   | -            | _        | <u> </u>                                     |          | -        | ⊢        |
|                 | 139           | -        |              |          |  | <u> </u>     |          | -  |          | H        | H        |
|                 | 140           |          | _            |          |  |              | H        |  | _        | H        | -        |
| $\vdash$        | 141<br>142    | _        |              | Н        |  |              | $\vdash$ |  |          | _        | $\vdash$ |
|                 |               | _        |              | <u></u>  | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$                                     |          | Н        | -        |
| $\rightarrow$   | 143<br>144    | $\dashv$ |              |          | Н  | <u> </u>     | $\vdash$ | $\vdash$                                     |          | H        | -        |
|                 | 144           | -        |              | -        | Н  | $\vdash$     | $\vdash$ | Н  | _        | Н        | _        |
|                 | 145           | $\dashv$ |              | _        |  | Н            | $\vdash$ | _  |          | Н        | H        |
|                 | 147           | $\dashv$ |              |          |  | Н            |          | $\vdash$                                     |          |          | $\vdash$ |
| $\vdash \vdash$ | 147           | $\dashv$ |              |          | _  | H            | -        | -  |          | Н        | -        |
| Н               | 149           | $\dashv$ |              |          |  | -            | $\vdash$ | -  | _        | H        | _        |
| $\dashv$        | 150           | $\dashv$ |              | _        |  | H            | $\vdash$ |  | -        | Н        | _        |
|                 | :4            |          |              |          |  |              | Ь        |  |          |          | Ь—       |

(27) 85 10/12/10 If more than 150 claims or 10 actions staple additional sheet here

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